EG203 Igneous, Metamorphic and Sedimentary Petrology

(IMSP)

LABORATORY REPORT

EXPERIMENT 1: IGNEOUS ROCKS

Mohammed Taher Group No. 1

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Mr. Johnny

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FACULTY OF ENGINEERING, ARCHITECTURE & BUILD ENVIRONMENT

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Name	Syenite	Gabbro	Peridotite	Andesite Porphyry	Rhyolite	Anorthosite	Biotite granite
ID	11	7	12	3	2	8	1
Color	Silver with a very small white lines	Black with white	Black	Silver with black dots	Brownish pink	Light milky	Light brown with green spots
Structure	Massive	Massive	Massive	Massive crystallized	Massive	Massive	Massive
Texture	Phaneric	Phaneric	Phaneric	Phaneric	Phaneric	Phaneric	Aphanitic
Fabric	Equigranular	Equigranular	Inequigranular	Equigranular	Equigranular	Inequigranular	Equigranular
Mineralogy	Quartz & Hornblende	Olivine, pyroxene & plagioclase	Olivine, pyrocene & K-feldspar	Plagioclase, Biotite & Piroxene	Hornblende, Biotite	Quartz, k-feldspar & muscovite	Biotite, muscovite & K-feldspar
Rock Group	Fonolitoid	Tefritoid	Gabroid	Andesitoid Basaltoid	Granitoid	Dacitoid	Granitoid

I. RYOLITOID
II. DACITOID
III. TRACHITOID
IV. ANDESITOID, BASALTOID
V. FONOLITOID
VI. TEFRITOID
VII. ULTRAMAFITIT